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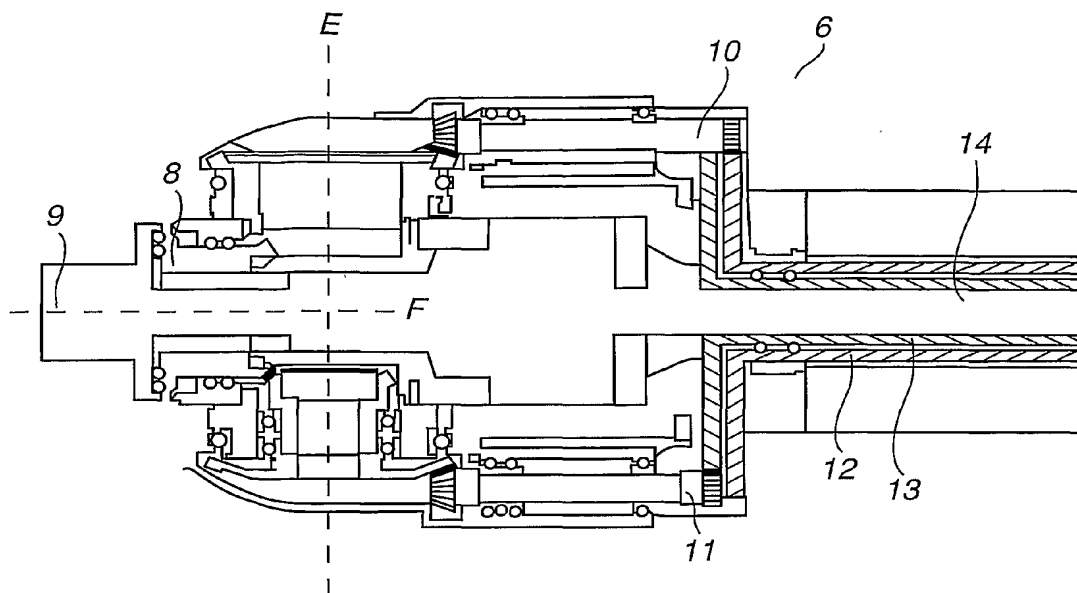
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[Continued on next page]

(54) **Title: A WRIST UNIT TO A ROBOT ARM**



(57) **Abstract**: A wrist unit to be arranged in an industrial robot comprising a control system and a manipulator. The manipulator includes a robot arm (5) and a wrist unit (6) arranged on the robot arm and comprising a wrist housing (7) arranged for rotation about a fourth axis of rotation (D), a wrist part/tilt (8, 33) pivotally journaled in the wrist housing for rotation about a fifth axis of rotation (E). A second transmission (11) is configured to transmit rotation from a second drive unit (31) to the turn disc (9) about the sixth axis of rotation (F) where the control system (1a) controls the first (30) and second (31) drive units. The object of the present invention is to provide a space-saving wrist for an industrial robot.

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